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	Application No.	Applicant(s)
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Nadiaa ak Allannakilida	09/595,360 Examiner	BEES, GEORGE L. Art Unit
	Tuan N Nguyen	2828
The MAILING DATE of this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS ( herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REMAINS) CLOSED or other appropriate comr GHTS. This application is	in this application. If not included munication will be mailed in due course. <b>THIS</b>
1. This communication is responsive to <u>02/02/2004</u> .		
2. ☑ The allowed claim(s) is/are <u>1-7 and 9-16</u> .		
3. X The drawings filed on <u>07/03/2002; 06/15/2000</u> are accepted	d by the Examiner.	
<ul> <li>4. ☐ Acknowledgment is made of a claim for foreign priority un</li> <li>a) ☐ All b) ☐ Some* c) ☐ None of the:</li> <li>1. ☐ Certified copies of the priority documents have</li> <li>2. ☐ Certified copies of the priority documents have</li> </ul>	been received. been received in Applicate	tion No
3. Copies of the certified copies of the priority doc	uments have been receiv	red in this national stage application from the
International Bureau (PCT Rule 17.2(a)).		
* Certified copies not received:		,
Applicant has THREE MONTHS FROM THE "MAILING DATE" of noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		ile a reply complying with the requirements
5. A SUBSTITUTE OATH OR DECLARATION must be submi INFORMAL PATENT APPLICATION (PTO-152) which give		
6. CORRECTED DRAWINGS ( as "replacement sheets") mus	t be submitted.	
(a) including changes required by the Notice of Draftsperso	on's Patent Drawing Revi	ew ( PTO-948) attached
1)  hereto or 2)  to Paper No./Mail Date		
(b) including changes required by the attached Examiner's Paper No./Mail Date	Amendment / Comment	or in the Office action of
Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the		
Z. DEPOSIT OF and/or INFORMATION about the depose attached Examiner's comment regarding REQUIREMENT F		
Attachment(s)		
.  Notice of References Cited (PTO-892)	5. Notice of	Informal Patent Application (PTO-152)
. Notice of Draftperson's Patent Drawing Review (PTO-948)		Summary (PTO-413), o./Mail Date
. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/06 Paper No./Mail Date		's Amendment/Comment
. Examiner's Comment Regarding Requirement for Deposit	8. 🛛 Examiner	's Statement of Reasons for Allowance
of Biological Material	9.  Other	- Pauly
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#### **DETAIL ACTION**

# **Drawings**

1. Acknowledge the formal drawings were received on 07/03/2002.

### Response to Amendment

2. In respond to applicant's amendment filed 01/20/2004, claims 1, 9, 11, 13, and 14 have been amended, and claims 8, 17-20 have been canceled.

# **REASON FOR ALLOWANCE**

# Allowable Subject Matter

3. The following is an examiner's statement of reasons for allowance - Applicant's response filed on 01/20/2004 has been considered, with respect to claims 1, and 9 the references of the record fail to teach or suggest:

A power supply system for a pulse discharge system, the power supply system comprising: an input connection to a main power supply; an output connection to a capacitor for storing energy to be delivered to the pulse discharge system; a switch mechanism coupled between the input connection and the output connection, the switching mechanism having a first configuration for coupling the output connection to the main power supply, and a second configuration for decoupling the output connection from the main power supply, the switching mechanism including: (i) a first switch connected in series between the main power supply and an inductor; (ii) a second switch connected in series between the inductor and the capacitor; and, (iii) a third switch connected in parallel to the series combination of the first switch and the inductor; a

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sensor for monitoring a characteristic representative of a voltage across the capacitor; a

controller, responsive to the voltage across the capacitor, for controlling the switching

mechanism in switching between the first and the second configuration; and, a keep-up

supply, responsive to the voltage across the capacitor, and to the controller, the keep-up

supply for delivering energy to the capacitor to maintain the voltage at a predetermined

driving voltage.

4. Any comments considered necessary by applicant must be submitted no later than the

payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for

Allowance."

Communication Information

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Tuan N Nguyen whose telephone number is (571) 272-1948. The

examiner can normally be reached on M-F: 7:30 - 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Paul Ip can be reached on (571) 272-1941. The fax phone numbers for the

organization where this application or proceeding is assigned are (703) 872-9318 for regular

communications and (703) 872-9319 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the receptionist whose telephone number is (703) 306-3329.

Tuan N. Nguyen

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